



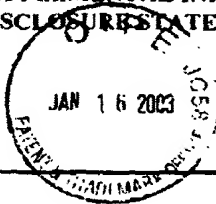
SHEET 1 OF 1

FORM PTO - 1449				ATTORNEY DOCKET NO.: EXT-036					
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Shuber					
				SERIAL NO.: 09/514,865					
				FILING DATE: February 28, 2000 GROUP: 1634					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
46	A113	6,551,777	4/22/03	Shuber <i>et al.</i>			1/24/00		
80	A114	6,498,012	12/24/02	Laken			6/18/01		
46	A115	2003/0087258A1	5/8/03	Shuber			4/11/02		
46	A116	2003/0044780A1	3/6/03	Lapidus <i>et al.</i>			11/23/99		
46	A117	2003/0049659A1	3/13/03	Lapidus <i>et al.</i>			5/29/02		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
46	C175	Ahlquist <i>et al.</i> , "Colorectal Cancer Screening by Detection of Altered Human DNA in Stool: Feasibility Multitarget Assay Panel," Presented at Digestive Disease Week Annual Conference, Orlando, FL, May 19, 1999 (<i>Gastroenterology</i> , 119, pp. 1219-1227 (2000)).							
46	C176	Ahlquist <i>et al.</i> , "Universal Detection of Aerodigestive Cancers by Assay of Nonapoptotic Human DNA in Stool," Presented at Digestive Disease Week Annual Conference, San Diego, CA, May 2000.							
46	C177	Makristathis <i>et al.</i> , "Detection of <i>Helicobacter pylori</i> in Stool Specimens by PCR and Antigen Enzyme Immunoassay," <i>Journal of Clinical Microbiology</i> , Vol. 36, No. 9, pp. 2772-2774, September 1998.							
EXAMINER				DATE CONSIDERED					

VER 9/00
2638025

7/15/03

FORM PTO - 1449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTY DOCKET NO.: EXT-036 (2457/32)

APPLICANT: Shuber

SERIAL NO.: 09/514,865

FILING DATE: February 28, 2000

GROUP: 1634

RECEIVED
JAN 16 2003
TECH CENTER 1600/2000

U.S. PATENT DOCUMENTS

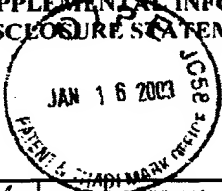
EXAM INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
47	A47	3,413,464	11/26/68	Kamentsky			04/29/65
	A48	4,101,279	7/18/78	Aslam			4/6/77
	A49	4,309,782	1/12/82	Paulin			9/11/80
	A50	4,358,535	11/9/82	Falkow <i>et al.</i>			12/8/90
	A51	4,445,235	5/1/84	Slover <i>et al.</i>			9/13/82
	A52	4,578,358	3/25/86	Oksman <i>et al.</i>			5/3/83
	A53	4,683,202	7/28/87	Mullis			10/25/85
	A54	4,705,050	11/10/87	Markham			10/2/85
	A55	4,735,905	4/5/88	Parker			8/15/86
	A56	4,935,342	6/19/90	Seligson <i>et al.</i>			12/1/86
	A57	5,149,506	9/22/92	Skiba <i>et al.</i>			8/9/91
	A58	5,200,314	4/6/93	Urdea			3/23/90
	A59	5,331,973	7/26/94	Fiedler <i>et al.</i>			3/15/93
	A60	5,416,025	5/16/95	Krepinsky, <i>et al.</i>			8/31/94
	A61	5,463,782	11/7/95	Carlson <i>et al.</i>			11/21/94
	A62	5,482,834	1/9/96	Gillespie			1/19/93
	A63	5,506,105	4/9/96	Haydock			3/22/94
	A64	5,538,851	7/23/96	Fach <i>et al.</i>			12/22/93
	A65	5,559,014	9/24/96	Estes <i>et al.</i>			6/7/95
	A66	5,599,662	2/4/97	Respass			2/17/95
	A67	5,612,473	3/18/97	Wu <i>et al.</i>			1/16/96
	A68	5,635,352	6/03/97	Urdea <i>et al.</i>			4/26/95
	A69	5,641,628	6/24/97	Bianchi			11/14/94
47	A70	5,645,995	7/8/97	Kieback			4/12/96

EXAMINER

DATE CONSIDERED

7/15/07

FORM PTO - 1449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTY DOCKET NO.: EXT-036 (2457/32)

APPLICANT: Shuber

SERIAL NO.: 09/514,865

FILING DATE: February 28, 2000

GROUP: 1634

RECEIVED
JAN 16 2003
TECH CENTER 1600/2900

Chp	A71	5,688,643	11/18/97	Oka <i>et al.</i>		2/27/95
	A72	5,846,710	12/8/98	Bajaj		8/6/93
	A73	5,856,104	1/5/99	Chee <i>et al.</i>		3/7/97
	A74	5,882,865	03/16/99	Vogelstein <i>et al.</i>		1/10/97
	A75	5,888,778	3/30/99	Shuber		6/16/97
	A76	5,910,407	6/8/99	Vogelstein <i>et al.</i>		8/26/94
	A77	5,916,744	6/29/99	Taylor		3/14/94
	A78	5,942,396	8/24/99	Shiff <i>et al.</i>		8/19/97
	A79	5,952,178	9/14/99	Lapidus <i>et al.</i>		4/13/98
	A80	5,976,800	11/2/99	Lau <i>et al.</i>		6/27/97
	A81	6,020,137	2/1/00	Lapidus <i>et al.</i>		11/23/98
	A82	6,037,465	3/14/00	Hillebrand <i>et al.</i>		12/16/96
	A83	6,100,029	8/8/00	Lapidus <i>et al.</i>		12/4/97
	A84	6,143,529	11/7/00	Lapidus <i>et al.</i>		3/26/99
	A85	6,146,828	11/14/00	Lapidus		7/3/98
	A86	6,177,251B1	01/23/01	Vogelstein <i>et al.</i>		6/8/99
	A87	6,203,993 B1	3/20/01	Shuber <i>et al.</i>		4/4/00
	A88	6,214,187B1	4/10/01	Hammond <i>et al.</i>		6/18/99
	A89	6,214,558B1	04/10/01	Shuber <i>et al.</i>		7/27/00
	A90	6,238,927B1	5/29/01	Abrams <i>et al.</i>		10/4/99
	A91	6,251,660 B1	6/26/01	Muir <i>et al.</i>		11/25/98
	A92	6,268,136B1	7/31/01	Shuber <i>et al.</i>		11/23/98
	A93	6,280,947 B1	8/28/01	Shuber <i>et al.</i>		8/11/99
	A94	6,300,077 B1	10/9/01	Shuber <i>et al.</i>		4/4/00
	A95	6,303,304 B1	10/16/01	Shuber <i>et al.</i>		2/2/99
	A96	6,351,857 B2	3/5/02	Slaon, III <i>et al.</i>		3/13/01
40	A97	6,406,857 B1	6/18/02	Shuber <i>et al.</i>		5/21/01

EXAMINER

DATE CONSIDERED

7/15/03

FORM PTO - 1449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTY DOCKET NO.: EXT-036 (2457/32)

APPLICANT: Shuber

SERIAL NO.: 09/514.865

FILING DATE: February 28, 2000

GROUP: 1634

		6,415,455 B1	7/9/02	Slaon, III <i>et al.</i>			12/17/01
	A99	6,428,964 B1	8/6/02	Shuber			3/15/01
	A100	6,475,738 B2	11/5/02	Shuber <i>et al.</i>			6/18/01
	A101	6,482,595 B2	11/19/02	Shuber <i>et al.</i>			8/27/01
	A102	2001/0018180A1	8/30/01	Shuber <i>et al.</i>			1/10/01
	A103	2002/0025525 A1	2/28/02	Shuber			5/30/01
	A104	2002/0110810 A1	8/15/02	Shuber			1/5/01
	A105	2002/0119469 A1	8/29/02	Shuber <i>et al.</i>			10/5/01
	A106	2002/0119472 A1	8/29/02	Lapidus <i>et al.</i>			10/15/01
	A107	2002/0132251 A1	9/19/02	Shuber			11/20/01
	A108	2002.0164631 A1	11/7/02	Shuber <i>et al.</i>			3/25/02
	A109	6,150,100	11/21/00	Ruschoff <i>et al.</i>			3/25/98
	A110	6,448,002B1	9/10/02	Hillebrand <i>et al.</i>			8/26/97
	A111	6,084,091	7/4/00	Muller <i>et al.</i>			8/14/96
	A112	6,503,718 B2	1/7/03	Shuber <i>et al.</i>			1/10/01

FOREIGN PATENT DOCUMENTS

EXAM INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
	B43	0 270 017A2	6/8/88	EP			11/27/87		Y
	B44	0 270 017A3	6/8/88	EP			11/27/87		Y
	B45	0 284 362 A3	9/28/88	EP			3/23/88		Y
	B46	0 391 565 B1	10/10/90	EP			3/19/90		Y
	B47	195 30 132C2	2/20/97	DE			8/16/95	A111 is English counterpart	N
	B48	197 12 332A1	10/1/98	DE			3/25/97	A109 is English counterpart	N

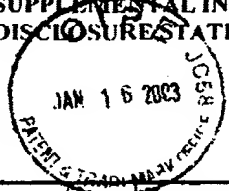
EXAMINER

Gally Gali

DATE CONSIDERED

7/15/03

FORM PTO - 1449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTY DOCKET NO.: EXT-036 (2457/32)

APPLICANT: Shuber

SERIAL NO.: 09/514.865

FILING DATE: February 28, 2000

GROUP: 1634

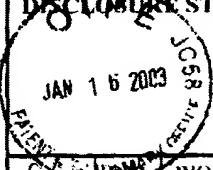
RECEIVED
JAN 16 2003
TECH CENTER 1600/2900

B49	197 36 691A1	2/25/99	DE			8/22/97	B111 has English abstract	N
B50	2,327,497A	1/27/99	GB			7/15/98		Y
B51	WO 93/20235	10/14/93	PCT			3/31/93		Y
B52	WO 94/00603	1/6/94	PCT			6/28/93		Y
B53	WO 94/01447	1/20/94	PCT			7/1/93		Y
B54	WO 95/00669	1/5/95	PCT			6/22/94		Y
B55	WO 95/12606	5/11/95	PCT			11/5/93		Y
B56	WO 96/23895A	8/8/96	PCT			1/29/96		Y
B57	WO 96/29430A	9/26/96	PCT			3/13/96		Y
B58	WO 97/07239	2/27/97	PCT			8/14/96	A111 is English counterpart	N
B59	WO 97/19191A	5/29/97	PCT			11/15/96		Y
B60	WO 97/28450	8/7/97	PCT			12/20/96		Y
B61	WO 98/08971	3/5/98	PCT			8/26/97	A110 is English counterpart	N
B62	WO 98/39478	9/11/98	PCT			3/2/98		Y
B63	WO 98/58084	12/23/98	PCT			6/16/98		Y
B64	WO 99/07894	2/18/99	PCT			8/5/98		Y
B65	WO 99/07895	2/18/99	PCT			4/8/98		Y
B66	WO 99/20798	4/29/99	PCT			10/22/98		Y
B67	WO 99/26724	6/3/99	PCT			11/25/98		Y
B68	WO 99/28507	6/10/99	PCT			12/3/98		Y
B69	WO 99/45374	9/10/99	PCT			3/3/99		Y
B70	WO 99/53316	10/21/99	PCT			4/13/99		Y
B71	WO 99/55912	11/4/99	PCT			4/23/99		Y

EXAMINER

DATE CONSIDERED

7/15/03

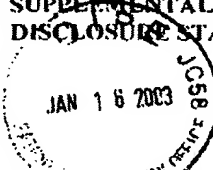
FORM PTO - 1449				ATTY DOCKET NO.: EXT-036 (2457/32)			
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT: Shuber			
				SERIAL NO.: 09/514,865			
				FILING DATE: February 28, 2000			
				GROUP: 1634			
	B73	WO 99/66077	12/23/99	PCT		6/16/99	Y
	B73	WO 99/66078	12/23/99	PCT		6/18/99	Y
	B74	WO 99/66079	12/23/99	PCT		6/18/99	Y
	B75	WO 00/09751	2/24/00	PCT		8/10/99	Y
	B76	WO 00/11215	3/2/00	PCT		8/10/99	Y
	B77	WO 00/31298	6/2/00	PCT		11/17/99	Y
	B78	WO 00/31303	6/2/00	PCT		11/22/99	Y
	B79	WO 00/31305	6/2/00	PCT		11/23/99	Y
	B80	WO 00/32820	6/8/00	PCT		11/23/99	Y
	B81	WO 00/50640	8/31/00	PCT		1/24/00	Y
	B82	WO 00/50870	8/31/00	PCT		2/25/00	Y
	B83	WO 00/58514A3	10/5/00	PCT		3/24/00	Y
	B84	WO 00/60118	10/12/00	PCT		3/31/00	Y
	B85	WO 00/61808A3	10/19/00	PCT		4/7/00	Y
	B86	WO 00/66005	11/9/00	PCT		4/26/00	Y
	B87	WO 00/70096	11/23/00	PCT		5/18/00	Y
	B88	WO 00/70096 A3	11/23/00	PCT		5/18/00	Y
	B89	WO 01/18252A2	3/15/01	PCT		9/8/00	Y
	B90	WO 01/42502A2	6/14/01	PCT		9/8/00	Y
	B91	WO 01/42503A2	6/14/01	PCT		11/28/00	Y
	B92	WO 01/42781A2	6/14/01	PCT		12/7/00	Y
	B93	WO 01/64950A2	9/7/01	PCT		2/27/01	Y
	B94	WO 01/64950A3	9/7/01	PCT		2/27/01	Y
	B95	WO 01/11083 A2	2/15/01	PCT		8/9/00	Y
	B96	WO 01/11083 A3	2/15/01	PCT		8/9/00	Y
	B97	WO 02/055740 A2	7/18/02	PCT		1/10/02	Y
	B98	WO 02/059379 A2	8/1/02	PCT		1/4/02	Y

EXAMINER

Guliy Guliy

DATE CONSIDERED

7/15/03

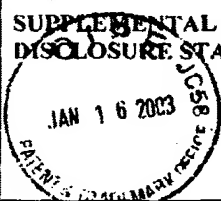
FORM PTO - 1439				ATTY DOCKET NO.: EXT-036 (245712)			
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT: Shuber			
				SERIAL NO.: 09/514,865			
				FILING DATE: February 28, 2000			
				GROUP: 1634			

B99	WO 02/074995 A1	9/26/02	PCT			3/15/02		Y
B100	WO 02/092858 A2	11/21/02	PCT			2/28/02		Y
B101	AU199942333 A1	9/30/99	AU			7/28/99		Y
B102	711754	7/17/97	AU			12/20/96		Y
B103	704696	8/22/97	AU			12/20/96		Y
B104	720489	9/30/99	AU			7/28/99		Y
B105	744746	1/4/99	AU			6/16/98		Y
B106	745862	9/22/98	AU			3/2/98		Y
B107	2,211,702	5/25/99	CA			12/20/96		Y
B108	2,228,769	2/27/97	CA			8/14/96		Y
B109	3325270	9/17/02	JP			12/20/96	Abstract in English	N
B110	195 30 132A1	2/20/97	DE			8/16/95	A111 is English counterpart	N
B111	WO 99/10528	3/4/99	PCT			8/22/97	Abstract in English	N

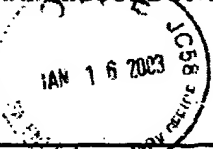
OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
C95	Allen et al. (1997). "Morphological and biochemical characterization and analysis of apoptosis." <i>J. Pharm. & Toxicol. Methods</i> , Vol. 37, No. 4, pp. 215-28.	
C96	Ambrosini et al. "A novel anti-apoptosis gene, survivin, expressed in cancer and lymphoma" <i>Nature Medicine</i> , Vol. 3, No. 8, pp. 917-921, August 1997.	
C97	Anker et al., (1999). "Detection of Circulating Tumour DNA in the Blood (plasma/serum) of Cancer Patients." <i>Cancer and Metastasis Reviews</i> , Vol. 18, pp. 65-73.	
C98	Arber et al. "A K-ras Oncogene Increases Resistance to Sulindac-Induced Apoptosis in Rat Enterocytes." <i>Gastroenterology</i> , Vol. 113, No. 6, pp. 1892-1900, December 1997.	
C99	Azhikina et al. (1996). "Factors Affecting the Priming Efficiency of Short Contiguous Oligonucleotide Strings in the Primer Walking Strategy of DNA Sequencing." <i>DNA Sequence</i> 6:211-16.	
C100	Barry et al. "Identification of Deoxyribonuclease II as an Endonuclease Involved in Apoptosis." <i>Archives of Biochemistry and Biophysics</i> , Vol. 300, No. 1, pp. 440-448, January 1993.	

EXAMINER	<i>Gally Gali</i>	DATE CONSIDERED	7/15/03
----------	-------------------	-----------------	---------

RECEIVED
JAN 16 2003
TECH CENTER 1600/2300

FORM PTO - 1449		ATTY DOCKET NO.: EXT-036 (2457/32)
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		APPLICANT: Shuber
		SERIAL NO.: 09/514.865
		FILING DATE: February 28, 2000
		GROUP: 1634
460	C101	Bernstein et al. "A Bile Acid-induced Apoptosis Assay for Colon-Cancer Risk and Associated Quality Control Studies." <i>Cancer Research</i> , Vol. 59, pp. 2353-2357, May 15, 1999.
1	C102	Boom et al., (March 1990) "Rapid and Simple Method for Purification of Nucleic Acids" <i>J. Clin. Microbiol.</i> , Vol. 28, No. 3, pp. 495-503.
	C103	Croitoru et al. "Reduce, Reuse, and Recycle: Shedding Light on Shedding Cells." <i>Gastroenterology</i> , Vol. 105, pp. 1243-1246, October 1993.
	C104	Cawkwell et al. (1994). "Frequency of allele loss of DCC, p53, RB1, WT1, NF1, NM23 and APC/MCC in colorectal cancer assayed by fluorescent multiplex polymerase chain reaction." <i>Brit. J. Can.</i> , Vol. 70, No. 5, pp. 813-818.
	C105	Chen et al., (July 15, 1996). "Detection of Single-Base Mutations by a Competitive Mobility Shift Assay," <i>Analytical Biochemistry</i> , U.S. Academic Press, Vol. 239, No. 1, pp. 61-69.
	C106	Coombs et al., (May 21, 1996) "A Rapid, Simple, and User-Friendly Method for DNA Extraction from Clinical Stool Samples," <i>ASM 1996 General Meeting</i> , New Orleans, LA.
	C107	Dennin, (1979). "DNA of Free and Complexed Origin in Human Plasma: Concentration and Length Distribution." <i>Klin. Wochenschr.</i> , Vol. 57, pp. 451-456.
	C108	Depraetere, " 'Eat me' Signals of apoptotic bodies," <i>Nature Cell Biology</i> , Vol. 2, pg. E104, June 2000.
	C109	Ditkoff et al. (1996). "Detection of circulating thyroid cells in peripheral blood." <i>Surgery</i> Vol. 120, No. 6, pp 959-65.
	C110	Eads et al., (1999) "CpG Island Hypermethylation in Human Colorectal Tumors Is Not Associated with DNA Methyltransferase Overexpression." <i>Cancer Research</i> , Vol. 59, No. 10, pp 2302-2306.
	C111	Echeverria et al., (September 1985) "DNA Hybridization in the Diagnosis of Bacterial Diarrhea." <i>Clinics in Laboratory Medicine</i> , Vol. 5, No. 3, September 1985, pp. 447-462.
	C112	Emlen et al., (1984). "Effect of DNA Size and Strandedness on the <i>in vivo</i> Clearance and Organ Localization of DNA." <i>Clin. exp. Immunol.</i> , Vol. 56, pp. 185-192.
	C113	Finkel "Does Cancer Therapy Trigger Cell Suicide?," <i>Science</i> , Vol. 286, pp.2256-2258, December 17, 1999.
	C114	Fournie et al., (1995). "Plasma DNA as a Marker of Cancerous Cell Death. Investigations in Patients Suffering from Lung Cancer and in Nude Mice Bearing Human Tumours." <i>Cancer Letters</i> , Vol. 91, pp. 221-227.
	C115	Garewal et al. "Reduced Bile Acid-induced Apoptosis in 'Normal' Colorectal Mucosa: A Potential Biological Marker for Cancer Risk" <i>Cancer Research</i> , Vol. 56, pp. 1480-1483, April 1, 1996.
	C116	Giacona, et al. (1998). "Cell-free DNA in Human Blood plasma: Length Measurements in Patients with Pancreatic Cancer and Healthy Controls." <i>Pancreas</i> , Vol. 17, No. 1, pp. 89-97.
460	C117	Halim, "Apoptosis: 'Orderly Dismantling'" <i>The Scientist</i> , pg. 19, February 7, 2000.

EXAMINER <i>Cathy Galt</i>	DATE CONSIDERED 7/15/03
----------------------------	-------------------------

FORM PTO - 1449		ATTY DOCKET NO.: EXT-036 (245)
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		APPLICANT: Shuber
		SERIAL NO.: 09514,865
		FILING DATE: February 28, 2000
		GROUP: 1634
	Hall et al. "Regulation of cell number in the mammalian gastrointestinal tract: the importance of apoptosis." <i>Journal of Cell Science</i> , Vol. 107, pp. 3569-3577, 1994.	
C119	Hlets. "To Die or Not to Die, An Overview of Apoptosis and Its Role in Disease." <i>JAMA</i> , Vol. 279, No. 4, pp. 300-307, January 28, 1998.	
C120	Hibi et al., (April 1998), "Molecular Detection of Genetic Alterations in the Serum of Colorectal Cancer Patients." <i>Cancer Research</i> , Vol. 58, pp. 1405-1407.	
C121	Hitchcock, "Actin- Deoxyribonuclease I Interaction." <i>The Journal of Biochemical Chemistry</i> , Vol. 255, No. 12, pp. 5668-5673, 1980.	
C122	Hunsaker, et al. (1989), "Use of Reversible Target Capture to Detect Subattomole Quantities of Target Nonradioisotopically in Crude Specimens in One Hour," <i>Abstracts of the 89th Meeting of the American Society for Microbiology</i> , D-169, Pg. 110.	
C123	Ito et al., (1999), "Profile of Circulating Levels of Interleukin-1 Receptor Antagonist and Interleukin-6 in Colorectal Cancer Patients," <i>Scand. J. Gastroenterol.</i> , Vol. 11, pp. 1139-1143.	
C124	Iwanaga et al. "A Novel Mechanism for Disposing of Effete Epithelial Cells in the Small Intestine of Guinea Pigs." <i>Gastroenterology</i> , Vol. 105, No. 4, pp. 1089-1097, 1993.	
C125	Kataoka et al. "Association of high molecular weight DNA fragmentation with apoptotic or non-apoptotic cell death induced by calcium ionophore" <i>FEBS Letters</i> , Vol. 364, pp. 264-267, 1995.	
C126	Kawasaki et al. "Inhibition of Apoptosis by Survivin Predicts Shorter Survival Rates in Colorectal Cancer." <i>Cancer Research</i> , Vol. 58, pp. 5071-5074, November 15, 1998.	
C127	Kishi et al. "Human Serum Deoxyribonuclease I (DNase I) Polymorphism: Pattern Similarities among Isozymes from Serum, Urine, Kidney, Liver, and Pancreas." <i>Am. J. Hum. Genet.</i> , Vol. 47, pp. 121-126, 1990.	
C128	Komano et al. "Homeostatic regulation of intestinal epithelia by intraepithelial $\gamma\delta$ T cells" <i>Proc. Natl. Acad. Sci. USA</i> 92, Vol. 92, pp. 6147-6151, June 1995.	
C129	Lefrere et al., (October 1998) "Screening Blood Donations for Viral Genomes: Multicenter Study of Real-Time Simulation Using Pooled Samples on the Model of HCV RNA Detection" <i>Transfusion</i> , Vol. 38, pp. 915-923	
C130	Leon et al., (March 1977), "Free DNA in the Serum of Cancer Patients and the Effect of Therapy," <i>Cancer Research</i> , Vol. 37, pp. 646-650.	
C131	Li et al., (August 1996) "Rapid Detection of Mycobacterium Avium in Stool Samples from AIDS Patients by Immunomagnetic PCR," <i>J. Clin. Microbiol.</i> , Vol. 34, No. 8, pp. 1903-1907.	
C132	Lipkin, "Biomarkers of Increased Susceptibility to Gastrointestinal Cancer: New Application to Studies of Cancer Prevention in Human Subjects," <i>Cancer Research</i> , Vol. 48, pp. 235-245, January 15, 1998.	
C133	Maeho, (1990), "Plasma DNA Level as a Tumor Marker in Primary Lung Cancer." Japanese; English abstract attached.	

EXAMINER

Cathy Galt

DATE CONSIDERED

7/15/03

FORM PTO - 1449		ATTY DOCKET NO.: EXT-036 (2457/32)
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		APPLICANT: Shuber
JAN 16 2003		SERIAL NO.: 09/514.865
		FILING DATE: February 28, 2000
		GROUP: 1634

C134	Mannherz et al. "A Specific 1:1 G-Actin: DNAase I Complex Formed by the Action of DNAase I on F-Actin." <i>FEBS Letters</i> , Vol. 60, No. 1, pp. 34-38, December 1975.
C135	Mannherz et al. "The Interaction of Bovine Pancreatic Deoxyribonuclease I and Skeletal Muscle Actin" <i>Eur. J. Biochem.</i> , Vol. 104, pp. 367-379, 1980.
C136	Metspalu A., "Arrayed Primer Extension (APEX) for Mutation Detection Using Gene-Specific DNA Chips" <i>European Society of Human Genetics</i> , Vol. 6, No. Sup 1, 1998, page P1.36 XP000892253 Abstract.
C137	Morandi et al., (June 1998) "Detection of HIV Type 1 RNA in Pools of Sera Negative for Antibiotics to HIV-1 and HIV-2." <i>J. of Clinical Microbiology</i> , Vol. 36, No. 6, pages 1534-1538.
C138	Morrissey et al., (May 14-18, 1989) "Novel Hybridization Technique with Subattomole Sensitivity in Specimens" <i>American Society for Microbiology</i> , 89 th Annual Meeting, Abstract D-168, p. 110.
C139	Morrissey, et al., (September 1989) "Nucleic Acid Hybridization Assays Employing dA-Tailed Capture Probes." <i>Analytical Biochemistry</i> , Vol. 181, No. 2, pp. 345-359.
C140	Morrissey, D. and Collins, M., (June 1989) "Nucleic Acid Hybridization Assays Employing dA-Tailed Capture Probes. Single Capture Methods." <i>Mol. And Cell. Probes</i> , Vol. 3, No. 2, pp. 189-207.
C141	Muleahy et al. (1998). "A prospective study of K-ras mutations in the plasma of pancreatic cancer patients." <i>Clin. Cancer Res.</i> , Vol. 4, pp 271-75.
C142	Olive, (February 1989) "Detection of Enterotoxigenic <i>Escherichia coli</i> after Polymerase Chain Reaction Amplification with a Thermostable DNA Polymerase." <i>Journal of Clinical Microbiology</i> , Vol. 27, No. 2, pp. 261-265.
C143	Paabo et al., (1988) "Mitochondrial DNA Sequences from a 7000-year old Brain." <i>Nucleic Acids Research</i> , Vol. 16, No. 20, pp. 9775-9787.
C144	Pacek et al., (May 1993) "Determination of Allele Frequencies at Loci with Length Polymorphism by Quantitive Analysis of DNA Amplified from Pooled Samples." <i>PCR Methods and Applications</i> , Vol. 2, No. 4, pp. 313-317.
C145	Park et al. "Detergent and Enzyme Treatment of Apoptotic Cells for Observation of DNA Fragmentation" <i>BioTechniques</i> , Vol. 24, No. 4, pp. 558-559, 1998.
C146	Payne et al. "Role of Apoptosis in Biology and Pathology: Resistance to Apoptosis in Colon Carcinogenesis" <i>Ultrastructural Pathology</i> , Vol. 19, pp. 221-248, 1995.
C147	Peitsch et al. "Characterization of the endogenous deoxyribonuclease involved in nuclear DNA degradation during apoptosis (programmed cell death)." <i>The EMBO Journal</i> , Vol. 12, No. 1, pp. 371-377, 1993.
C148	Peitsch et al. "Functional characterisation of serum DNase I in MRI." <i>Biochemical and Biophysical Research Communications</i> , Vol. 186, No. 2, pp. 739-745, July 31, 1992.
C149	Peitsch et al. "The apoptosis endonucleases: cleaning up after cell death?." <i>Trends in Cell Biology</i> , Vol. 4, pp. 37-41, February 4, 1994.

EXAMINER

Gally Gabri

DATE CONSIDERED

7/15/03

FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> JAN 16 2003 PATENT & TRADEMARK OFFICE </div>		ATTY DOCKET NO.: EXT-036 (2457/32) APPLICANT: Shuber SERIAL NO.: 09/514,865 FILING DATE: February 28, 2000 GROUP: 1634	
40	C150	Polzar et al. "Distribution of deoxyribonuclease I in rat tissues and its correlation to cellular turnover and apoptosis (programmed cell death)." <i>European Journal of Cell Biology</i> , Vol. 64, pp. 200-210, 1994.	
	C151	Polzar et al. "Overexpression of deoxyribonuclease I (DNase I) transfected into COS-cells: its distribution during apoptotic cell death." <i>European Journal of Cell Biology</i> , Vol. 62, pp. 397-405, 1993.	
	C152	Raptis et al., (December 1980). "Quantitation and Characterization of Plasma DNA in Normals and Patients with Systemic Lupus Erythematosus." <i>J. Clin. Invest.</i> , Vol. 66, pp. 1391-1399.	
	C153	Rinaldy et al. (1988). "Gene Cloning Using cDNA Libraries in a Differential Competition Hybridization Strategy: Application to Cloning XP-A Related Genes." <i>DN4</i> Vol. 7, No. 8, pp. 563-70.	
	C154	Ruzicka et al., (1992) "Apolipoprotein Allele Specific PCR: Large-Scale Screening of Pooled Blood Samples." <i>J. of Lipid Research</i> , Vol. 33, pp. 1563-1567.	
	C155	Saitoh et al. "Analysis of Bcl-2, Bax and Survivin genes in uterine cancer". <i>International Journal of Oncology</i> , Vol. 15, pp. 137-141, 1999.	
	C156	Sales et al., (July 31, 1999). "Blood Dissemination of Colonic Epithelial Cells During No-touch Surgery for Rectosigmoid Cancer." <i>The Lancet</i> , Vol. 354, p. 392.	
	C157	Saniotaki et al. (1994). "Dual-Color Detection of DNA Sequence Variants by Ligase-Mediated Analysis." <i>Genomics</i> 20:238-42.	
	C158	Schmitt et al. (1998). "Bax-alpha promotes apoptosis induced by cancer chemotherapy and accelerates the activation of caspase 3-like cysteine proteases in p53 double mutant B lymphoma Namalwa cells." <i>Cell Death & Diff.</i> , Vol. 5, No. 6, pp 506-16.	
	C159	Sen "Programmed Cell Death: Concept, Mechanism and Control" <i>Biol. Rev.</i> , Vol. 67, pp. 287-319, 1992.	
	C160	Shapiro et al., (June 1, 1983). "Determination of Circulating DNA Levels in Patients with Benign or Malignant Gastrointestinal Disease" <i>Cancer</i> , Vol. 51, No. 11, pp. 2116-2120.	
	C161	Shaw et al., (1998) "Allele Frequency Distribution in Pooled DNA Samples. Applications to Mapping Complex Disease Genes." <i>Genome Research</i> , Vol. 8, pp. 111-123.	
	C162	Sidransky, D. (1997) "Nucleic acid-based methods for the detection of cancer." <i>Science</i> , Vol. 278, No. 5340, pp. 1054-1058.	
	C163	Skoletsky et al. (1998) "High frequency of detecting amplifiable DNA in stools of apparently normal individuals." <i>Gastroenterology</i> , Vol. 114, No. 4, p A681.	
	C164	Sträter et al. "Rapid Onset of Apoptosis In Vitro Follows Disruption of B1 Integrin/Matrix Interactions in Human Colonic Crypt Cell" <i>Gastroenterology</i> , Vol. 110, No. 6, pp. 1776-1784, June 1996.	
	C165	Stroun et al., (1987). "Isolation and Characterization of DNA from the Plasma of Cancer Patients." <i>Eur. J. Cancer Clin. Oncol.</i> , Vol. 23, No. 6, pp. 707-712.	
40	C166	Tompkins et al., (1986) "Approaches to the Detection of Enteric Pathogens, Including <i>Campylobacter</i> , using Nucleic Acid Hybridization." <i>Diagn. Microbiol. Infect. Dis.</i> , Vol. 4, pp. 715-785.	
EXAMINER		DATE CONSIDERED	
galy galy		7/15/03	

RECEIVED
JAN 16 2003
TECH CENTER 1301/2003

FORM PTO - 1449		ATTY DOCKET NO.: EXT-036 (2455732)
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		APPLICANT: Shuber
JAN 16 2003		SERIAL NO.: 09:514,865
		FILING DATE: February 28, 2000
		GROUP: 1634
C167	Tsujitani et al. "Apoptotic Cell Death and Its Relationship to Carcinogenesis in Colorectal Carcinoma." <i>Cancer Supplement</i> , Vol. 77, No. 8, pp. 1711-1716, April 15, 1996.	
C168	Vera-Garcia, et al., (May 16-20 1993) "Development and Evaluation of an Instrument Designed to Reproducibly Release Nucleic Acids from Microorganisms" <i>American Society for Microbiology: Polymerase Chain Reaction</i> , 93 rd General Meeting, Session 214, Abstract C-217, p. 484.	
C169	Vet et al., (1998) "Comparative analysis of p53 mutations in bladder washings and histologic specimens" <i>Am. J Clin. Path.</i> , Vol. 110, No. 5, pp. 647-652.	
C170	Vogelstein et al., (1979) "Preparative and Analytical Purification of DNA from Agarose," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 76, No. 2, pp. 615-619.	
C171	Wagner et al. "Regulation of Gastric Epithelial Cell Growth by <i>Helicobacter pylori</i> : Evidence for a Major Role of Apoptosis." <i>Gastroenterology</i> , Vol. 113, No. 6, pp. 1836-1847, December 1997.	
C172	Walsh et al., (1991) "Chelex® 100 as a Medium for Simple Extraction of DNA for PCR-Based Typing from Forensic Material," <i>BioTechniques</i> , Vol. 10, No. 4, pp. 506-513.	
C173	Walton et al., (1997) "A PCR-Based Method for Detecting Rare Genotypes in Large Samples of Individuals." <i>Mol. Ecology</i> , Vol. 6, No. 2, pp. 195-197.	
C174	Zhang et al. "Quantitative determination of apoptotic death in cultured human pancreatic cancer cells by propidium iodide and digitonin." <i>Cancer Letters</i> , Vol. 142, pp. 129-137, 1999.	

2545288 1

EXAMINER	<i>Gally Gali</i>	DATE CONSIDERED	7/15/03
----------	-------------------	-----------------	---------